

Claims

1. Pincers for moving flexible strand material (3), particularly flexible rods for pulling cables into cable protection tubes, comprising a pincer body (2) having a longitudinally extending opening for receiving a part of the strand material (3), said pincer body (2) having a handle (5) mounted for pivoting, which handle (5) is supported in said pincer body (2) in such a way that it engages at least partially in said longitudinally extending opening of the pincer body (2) when operated,
c h a r a c t e r i z e d i n
that a driveable transport device (10) is arranged in the pincer body (2) opposite the handle (5).
2. Pincers according to claim 1,
c h a r a c t e r i z e d i n
that the transport device (10) is configured as a driving belt (13) which is arranged to revolve in the longitudinal direction of the pincer body (2).
3. Pincers according to claim 1,
c h a r a c t e r i z e d i n
that the transport device (10) has a shaft (12) for the connection to a driving device, which shaft protrudes at least beyond one side face of the pincer body (2).
4. Pincers according to claim 3,
c h a r a c t e r i z e d i n

that the shaft (12) has a polygonal cross-section at least on the end thereof protruding beyond one side face of the pincer body (2).

5. Pincers according to claim 3,
c h a r a c t e r i z e d i n
that the driving of the transport device (10) takes place manually by means of a crank and/or mechanically by means of e.g. an electric motor and/or by means of a hand drill.
6. Pincers according to claim 2,
c h a r a c t e r i z e d i n
that the driving belt (13) is configured as a toothed belt.
7. Pincers according to claim 2,
c h a r a c t e r i z e d i n
that the driving belt (13) revolves about two mutually spaced driving rollers (11).
8. Pincers according to claim 7,
c h a r a c t e r i z e d i n
that both driving rollers (11) are driveable.
9. Pincers according to claim 7,
c h a r a c t e r i z e d i n
that at least one driving roller (11) is formed as a driving pinion.
10. Pincers according to claim 2,
c h a r a c t e r i z e d i n

that the driving belt (13) has a surface which increases the frictional coefficient.

11. Pincers according to claim 1,
c h a r a c t e r i z e d i n
that the pincer body (2) has at least one and preferably more guide rollers (14) and/or guide strips (15) which are arranged in the longitudinal direction of the pincer body (2) ahead of and/or behind the transport device (10).
12. Pincers according to claim 11,
c h a r a c t e r i z e d i n
that the guide rollers (14) and/or guide strips (15) have a reduced cross-section and/or recess in the middle portion thereof.
13. Pincers according to claim 1,
c h a r a c t e r i z e d i n
that the pincer body (2) is comprised of an elongated handle part (9) and a head part (8) moulded to it.
14. Pincers according to claim 1,
c h a r a c t e r i z e d i n
that the pincer body (2) can be attached and fixed to a device (20) for storing and paying out flexible strand material (3).
15. Pincers according to claim 1,
c h a r a c t e r i z e d i n
that the handle (5) can be locked in the pincer body (2).

16. Pincers according to claim 15,
c h a r a c t e r i z e d i n
that the handle (5) can be locked in different positions in the pincer
body (2).
17. Pincers according to claim 1,
c h a r a c t e r i z e d i n
that the pincer body (2) includes a length measuring device.
18. Pincers according to claim 1,
c h a r a c t e r i z e d i n
that the pincer body (2) has on the front end thereof a retaining
member (19), by means of which the pincer body (2) can be posi-
tively locked to and/or frictionally engaged with a feeder box or the
like.
19. Pincers according to claim 1,
c h a r a c t e r i z e d i n
that the pincer body (2) consists of two mutually parallel plate-
shaped members (4) which are connected to each other, with at least
the transport device (10) being arranged between said plate-shaped
members (4).
20. Pincers according to claim 1,
c h a r a c t e r i z e d i n
that a guide tube and/or a guide spiral for the strand material (3)
can be attached to the pincer body (2).
21. Pincers according to claim 11 or claim 13,

c h a r a c t e r i z e d i n

that the pincer body (2) is configured as a tube or has a sheath (16) particularly in the region of the handle part (9).

22. Pincers according to claim 2,

c h a r a c t e r i z e d i n

that the driving belt (13) has in its upper surface facing the strand material (3) a recess which preferably corresponds with the outer contour of the strand material.

23. Pincers according to claim 1,

c h a r a c t e r i z e d i n

that handle (5) has a pressing surface (7) which is in the form of a circular arc section.

24. Pincers according to claim 23,

c h a r a c t e r i z e d i n

that the radius of the pressing surface (7) in the form of a circular arc section substantially corresponds with the radius of the device (20) for storing and paying out flexible strand material (3).

25. Pincers according to claim 3,

c h a r a c t e r i z e d i n

that the shaft (12) has a bit holder with a ball head.

26. Pincers according to claim 18,

c h a r a c t e r i z e d i n

that the retaining member (18) is in the form of a bolt laterally protruding beyond the pincer body (2).

27. Pincers according to claim 7,
c h a r a c t e r i z e d i n
that at least the driven driving roller (11) is formed as one part with
the toothed disk and the shaft (12) and the drive coupling member.